

Title (en)

Vehicle brake having a brake de-adjust control switch

Title (de)

Fahrzeugbremse mit Schalter zur Kontrolle mangelhafter Nachstellung

Title (fr)

Frein de véhicule avec interrupteur de détection d'ajustement insuffisant

Publication

EP 0995921 A3 20020515 (EN)

Application

EP 99308299 A 19991021

Priority

GB 9823199 A 19981024

Abstract (en)

[origin: EP0995921A2] A vehicle brake of the caliper type having electrically actuated active adjustment of the running clearance of a brake lining (26) relative to a brake rotor (12), wherein, for brake operation, angular displacement of a rotatable component (14) of the brake by an external actuator causes axial displacement of a tappet arrangement (22,24) within the brake whereby to transmit the actuator input load to the brake lining (26) of the brake. The brake includes a switch for supplying a brake de-adjust signal when the brakes are to be opened for example for lining replacement. The switch is mounted on or in the body of the brake caliper and provides a non-contact switch arrangement actuated by a rotary movement provided by the rotatable component (14) of the brake in response to lining wear.

IPC 1-7

F16D 65/16; **F16D 65/56**

IPC 8 full level

F16D 65/54 (2006.01); **F16D 55/227** (2006.01); **F16D 65/14** (2006.01); **F16D 65/18** (2006.01); **F16D 65/56** (2006.01); **F16D 66/00** (2006.01); **F16D 66/02** (2006.01); **F16D 65/38** (2006.01)

CPC (source: EP US)

F16D 55/227 (2013.01 - EP US); **F16D 65/183** (2013.01 - EP US); **F16D 65/568** (2013.01 - EP US); **F16D 66/026** (2013.01 - EP US); **F16D 2065/386** (2013.01 - EP US); **F16D 2066/003** (2013.01 - EP US); **F16D 2125/32** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0703133 A2 19960327 - CONTINENTAL AG [DE]
- [A] WO 9730294 A1 19970821 - KELSEY HAYES CO [US]
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